Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 12 Jul 2023 until 23:59 on Thursday 13 Jul 2023

Forecast Issued on Tuesday 11 Jul 2023 at 15:48

Confidence: High confidence for changeable theme. Low confidence for possibly unseasonable period of rain, showers and strong winds Friday into Saturday.

Headline for Wednesday 12 Jul 2023: Rather cloudy and wet during the morning. Brightening up but becoming more showery later, with some heavier, perhaps thundery downpours possible.

Mountain weather hazards on Wednesday 12 Jul 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Cloudy	Heavy Rain	Heavy Rain	Heavy rain showers	Thundery showers	Heavy rain showers	Partly cloudy (night)
Precipitation probability							
30%	20%	60%	60%	60%	40%	40%	20%

Forecast for Wednesday 12 Jul 2023

Weather: Cloud is likely to increase into daybreak, with a protracted period of rain perhaps punctuated by heavier downpours in places. It should gradually brighten up a little through the afternoon, with some limited brighter interludes developing, mainly in the more sheltered east, however it will remain on the cool side generally, especially when considered with the breeze. Thundery showers will become more likely late in the day, with these again fading into the evening.

Chance of cloud-free hill tops above 600m: Near nil becoming 60%.

Low Cloud and visibility: Broken cloud down to western valley floors first thing, lifting through the morning to perhaps narrowly clear the highest ground by lunchtime. Visibility moderate at first, but improving good, but with the caveat of significant deterioration in showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Wednesday 12 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/18 W	16/23 SW	20/28 SW	19/28 W	21/31 W	21/30 W	17/25 W	13/19 W	12/19 W
300	9/20 W	9/21 SW	13/26 SW	14/27 W	15/29 W	16/31 W	13/25 W	8/18 W	7/17 W
Valley	5/15 SW	7/19 SW	11/23 SW	12/24 W	14/28 W	15/28 W	11/22 W	6/15 W	4/11 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	10/7	10/6	10/6	11/7	11/8	11/8	10/7	9/7
300	12/10	12/10	11/9	12/9	14/11	14/11	13/11	12/10	11/10
Valley	13/13	13/12	13/11	14/11	15/13	16/13	15/14	13/13	12/12
Freezing Level*	2100m	2000m	2200m	2100m	2100m	2100m	2100m	2100m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Although winds will generally be west or sothwesterly, some varibility in strength and direction shown is likely given the presence of showers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 11 Jul 2023	15.6mm	21.8mm	31.6mm

Forecast for Thursday 13 Jul 2023

Weather: An improved day on midweek, with more in the way of drier spells and some sunshine, although there remains a risk of some showers, with these heaviest in the north. The sunshine may turn hazier later under advancing high cloud. Eventually warm in the sunshine, although tempered a little by the breeze.

Maximum wind: West or southwesterly 25mph, easing slightly.

Chance of cloud-free hill tops above 600m: 40 improving 90%

Low Cloud and visibility: Early broken low cloud around 600 metres, soon lifting clear and developing breaks.

Temperature: **Valleys:** Plus 10 becoming plus 20 degrees Celsius.
At 600m: Plus 10 degrees Celsius.
Freezing level: Well above the summits.

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